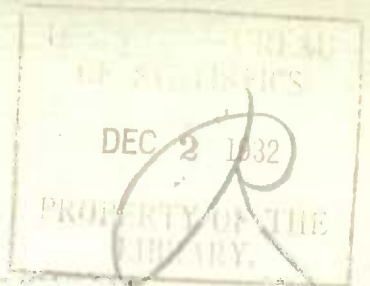


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

OPERATING REVENUES EXPENSES & STATISTICS
of
RAILWAYS

With Annual Operating Revenues of \$500,000

For

~~JULY~~

August

1932

Published by Authority of the Hon. H. H. Stevens, M.P.,
Minister of Trade and Commerce

♦ ♦ ♦

OTTAWA

1932

CANADA
DEPARTMENT OF TRADE AND COMMERCE
COMMISSIONER GENERAL OF STATISTICS
TRANSPORTATION BRANCH

OPERATING REVENUE EXPENSES & STATISTICS

RAILWAYS

For Annual Report 1902-1903

1902

1903

1904

Published by authority of the Board of Railway Commissioners

Printed at the Department of Trade and Commerce

OTTAWA

1904

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

FOR THE MONTH OF AUGUST, 1932.

Gross revenues of Canadian railways for August amounted to \$23,099,931 as compared with \$28,072,358 in 1931. This was less than half of the earnings of August, 1928, (\$48,202,731), the peak year. Operating expenses were reduced from \$26,407,322 in August 1931 to \$21,921,624 and the net operating revenues were reduced by \$486,728, or from \$1,665,035 to \$1,178,306. Although the freight tonnage decreased by 22.2 per cent, the average haul was increased from 264.9 miles in 1931 to 327.2 miles, due largely to a heavy grain movement, and the revenue ton miles showed a decrease of only 3.9 per cent. Instead of showing a seasonal increase as usual, the passenger traffic was lighter than in July by 6 per cent.

For January - August, gross revenues amounted to \$287,575,303 in 1932 and \$233,816,717 in 1931 and net operating revenues were \$14,122,880 in 1932 as against \$13,508,968 in 1931.

EASTERN LINES - CANADIAN NATIONAL RAILWAYS: Gross revenues for August were reduced by 33.6 per cent compared with 1931, or from \$1,687,197 to \$1,119,561, but operating expenses were reduced from \$2,391,205 to \$1,794,928, reducing the operating income debit from \$783,294 to \$780,848. The decrease in tons of freight carried was 43.0 per cent and in ton miles, 30.7 per cent. For January - August, the loss from operation (operating income debit) was \$3,862,360 in 1932 as compared with \$5,956,898 in 1931.

CANADIAN NATIONAL RAILWAYS- (Canadian Lines exclusive of Eastern Lines): By reducing operating expenses by \$2,171,532, or from \$11,591,305 to \$9,419,772, for a reduction in revenues of \$2,148,527, or from \$11,594,657 to \$9,746,130, the net operating revenues were increased from \$303,351 to \$326,357. Smaller hire of equipment credits, however, caused a decrease in the operating income from \$155,982 to \$136,715. Although the tonnage figures show a decrease of 13.7 per cent, the heavy long haul grain movement produced an increase in ton miles of 3.2 per cent. The average revenue per freight train mile, however, was only \$4.98 as against \$5.57 last year despite an increase in the average train load of 26 tons. Passenger train revenues averaged \$1.71 per train mile, as against \$1.99 in 1931. When comparing these revenues with those for the Canadian Pacific and other railways it should be remembered that the express revenue for the Canadian National Railways is the gross revenue of the express department from transportation, whereas for other railways it is only the amount paid by the express companies to the railways.

Although the Canadian lines made a better showing than for last year, all the United States lines showed decreased net operating revenues, resulting in the system net revenues being cut from \$514,034 for August 1931 to \$209,175.

For the eight months the gross revenues of the system (exclusive of the Eastern Lines) amounted to \$93,118,292 as compared with \$117,392,910 in 1931, but reduced operating expenses reduced the operating income debit to \$49,492 as against a debit of \$1,802,789 in 1931.

CANADIAN PACIFIC RAILWAY: Although revenue ton miles for August 1932 and 1931 were approximately the same, freight revenue was lighter in 1932 by \$290,739 and, with heavy declines in passenger traffic and revenues, gross revenues declined from \$11,600,943 in 1931 to \$10,172,076. The reduction in operating expenses did not offset this and the operating income was reduced from \$1,152,721 to \$697,206, or by \$455,631. For January - August, gross revenues were reduced from \$95,893,895 in 1931 to \$77,754,703 in 1932 and the operating income from \$9,692,312 to \$6,808,793.

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OPERATING REVENUES, EXPENSES & STATISTICS
STEAM RAILWAYS OF CANADA
WITH ANNUAL OPERATING REVENUES OF \$500,000
For the Month of August, 1932

	1932	1931
<u>OPERATING REVENUES</u>		
Freight	\$16,425,347.72	\$18,721,605.74
Passenger	3,381,404.52	4,982,887.76
Mail	543,251.02	588,572.24
Express	1,049,873.58	1,295,965.06
Other freight train	961.48	1,848.22
Other passenger train	472,330.54	679,876.14
Water line	185,627.78	173,356.89
All other	1,041,134.77	1,628,246.24
Total railway operating revenues	23,099,931.41	28,072,358.59
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$5,052,003.40	\$6,423,601.72
Maintenance of equipment	4,466,489.27	4,919,435.76
Traffic	1,142,721.35	1,364,928.39
Transportation	10,100,838.38	12,357,344.25
Miscellaneous operations	286,180.48	439,681.18
General	902,836.36	1,021,203.95
Trans. for investment	Cr. 29,444.66	Cr. 118,872.23
Total railway operating expenses	21,921,624.58	26,407,322.97
<u>OPERATING INCOME</u>		
Net operating revenue	\$1,178,306.83	\$1,665,035.62
Railway tax accruals	705,153.94	784,290.51
Uncollectable revenues	14,538.15	3,690.50
Hire of equipment	Dr. 102,204.69	Dr. 33,237.61
Joint facilities rents	Dr. 87,932.81	Dr. 95,712.06
Operating income	268,477.24	748,104.94
<u>OPERATING STATISTICS</u>		
Average miles of road operated	42,213.10	41,952.39
No. of tons carried (Rev. Fr.)	4,804,319	6,177,798
No. of tons carried one mile " "	1,572,073.590	1,636,221.080
No. of tons carried one mile (All Fr.)	1,812,796.720	1,869,829.200
Gross ton miles, excl. of locomotive & tender	4,325,167.239	4,689,843.064
No. of revenue passengers carried	1,785,657	2,253,515
No. of revenue passengers carried one mile	138,382.269	190,381.759
# Freight train miles	3,363,543	3,731,009
# Passenger train miles	3,347,968	3,988,322
Total Train miles (Rev. & Non Rev.)	6,828,369	7,861,927
Freight car miles-loaded	73,949,240	82,515,634
Freight car miles-empty	38,716,837	44,330,400
Passenger train car miles	24,890,437	30,251,783
Total amount of pay roll	\$14,440,596.73	\$18,523,773.01
Number of employees	122,395	150,864
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$17.65	\$21.59
Operating expenses	\$16.75	\$20.31
No. of tons moved one mile (Rev. Fr.)	1,201	1,253
No. of tons moved one mile (All Fr.)	1,385	1,438
No. of rev. passengers carried one mile	106	146
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.88	\$5.02
No. of tons of freight (Rev. Fr.)	467.4	438.5
No. of tons of freight (All Fr.)	539.0	501.1
Gross ton miles	1285.9	1257.0
Loaded freight cars	22.0	22.1
Empty freight cars	11.5	11.9
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.63	\$1.39
Passengers carried	41.3	47.7
Passenger cars	7.4	7.6
Average operating expenses per train mile	\$3.21	\$3.36
Average length of haul (Rev. Fr.) Miles	327.2	264.9
Average passenger journey Miles	77.5	84.5
Average tons per loaded freight car mile	24.5	22.7
Average freight receipt per revenue ton mile	1.045¢	1.144¢
Average passenger receipt per passenger per mile	2.444¢	2.617¢
Ratio of pay roll to operating revenues	62.5%	66.0%
Ratio of operating expenses to revenues	94.90%	94.07%
# - Contains a proportion of mixed train miles.		

OPERATING REVENUES, EXPENSES & STATISTICS

EASTERN LINES

CANADIAN NATIONAL RAILWAYS

For the month of August, 1932

	1932	1931
<u>OPERATING REVENUES</u>		
Freight xx	\$606,529.00	\$1,040,314.00
Passenger	241,918.00	306,591.00
Mail	57,914.00	65,362.00
Express	96,803.00	121,630.00
Other freight train		
Other passenger train	33,543.66	44,717.20
Water line		
All other	82,853.34	108,582.80
Total railway operating revenues	1,119,561.00	1,687,197.00
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$536,246.75	\$747,110.71
Maintenance of equipment	257,959.30	387,624.89
Traffic	55,237.40	59,474.58
Transportation	802,308.59	1,043,823.27
Miscellaneous operations	19,230.59	29,452.51
General	127,473.32	136,583.52
Trans. for investment	Cr. 3,527.95	Cr. 12,863.58
Total railway operating expenses	1,794,928.00	2,391,205.90
<u>OPERATING INCOME</u>		
Net operating revenue	Dr. \$675,367.00	Dr. \$704,008.90
Railway tax accruals	25,092.70	24,988.59
Uncollectable revenues	248.89	324.92
Hire of equipment	Dr. 81,423.92	Dr. 53,415.13
Joint facilities rents	Cr. 1,284.38	Dr. 557.34
Operating income	Dr. 780,848.13	Dr. 783,294.88
<u>OPERATING STATISTICS</u>		
Average miles of road operated	3,342.37	3,342.39
No. of tons carried (Rev. Fr.)	219,972	385,747
No. of tons carried one mile " "	58,504,394	84,437,901
No. of tons carried one mile (All Fr.)	67,282,055	96,986,054
Gross ton miles, excl. of locomotive & tender	175,542,936	241,686,681
No. of revenue passengers carried	114,084	163,087
No. of revenue passengers carried one mile	9,603,437	11,706,453
# Freight train miles	206,576	253,456
# Passenger train miles	254,267	323,447
Total train miles (Rev. & Non Rev.)	466,928	593,823
Freight car miles-loaded	3,503,278	4,748,275
Freight car miles-empty	1,165,615	1,718,169
Passenger train car miles	1,831,777	2,270,778
Total amount of pay roll	\$1,083,070	\$1,504,439
Number of employees	10,121	13,242
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$10.81	\$16.28
Operating expenses	\$17.32	\$23.08
No. of tons moved one mile (Rev. Fr.)	565	815
No. of tons moved one mile (All Fr.)	649	936
No. of rev. passengers carried one mile	93	113
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$2.94	\$4.10
No. of tons of freight (Rev. Fr.)	283.2	333.1
No. of tons of freight (All Fr.)	325.7	382.7
Gross ton miles	849.8	953.6
Loaded freight cars	17.0	18.7
Empty freight cars	5.6	6.8
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.69	\$1.66
Passengers carried	37.8	36.2
Passenger cars	7.2	7.0
Average operating expenses per train mile	\$3.84	\$4.03
Average length of haul (Rev. Fr.) Miles	266.0	218.9
Average passenger journey Miles	84.2	71.8
Average tons per loaded freight car mile	19.2	20.4
Average freight receipt per revenue ton mile	1.037¢	1.232¢
Average passenger receipt per passenger per mile	2.519¢	2.619¢
Ratio of pay roll to operating revenues	96.7%	89.2%
Ratio of operating expenses to revenues	160.32%	141.73%
xx- Including Account Maritime Freight Rates Act	\$85,000.00	\$112,000.00
# - Contains a proportion of mixed train miles.		

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN NATIONAL RAILWAYS

For the month of August, 1932

	1932	1931
<u>OPERATING REVENUES</u>		
Freight	\$6,996,868.00	\$7,987,319.40
Passenger	1,267,340.00	1,951,788.80
Mail	172,657.59	188,735.24
Express	610,732.86	775,800.74
Other freight train		205.74
Other passenger train	132,524.55	225,243.21
Water line		
All other	566,007.00	765,563.87
Total railway operating revenues	9,746,130.00	11,894,657.00
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$2,224,297.09	\$2,846,188.10
Maintenance of equipment	1,847,916.27	2,325,948.17
Traffic	352,168.04	415,425.21
Transportation	4,525,660.72	5,446,501.00
Miscellaneous operations	85,083.33	144,628.41
General	400,872.47	455,942.22
Trans. for investment	Cr. 16,225.06	Cr. 43,327.58
Total railway operating expenses	9,419,772.86	11,591,305.53
<u>OPERATING INCOME</u>		
Net operating revenue	\$326,357.14	\$303,351.47
Railway tax accruals	278,855.63	306,714.75
Uncollectable revenues	14,125.09	3,200.76
Hire of equipment	Cr. 130,711.28	Cr. 195,587.84
Joint facilities rents	Dr. 27,372.55	Dr. 33,041.24
Operating income	136,715.15	155,982.56
<u>OPERATING STATISTICS</u>		
Average miles of road operated	18,712.52	18,562.83
No. of tons carried (Rev.Fr.)	1,855,695	2,150,632
No. of tons carried one mile " "	707,887,375	686,051,326
No. of tons carried one mile (All Fr.)	789,038,302	764,881,966
Gross ton miles, excl. of locomotive & tender	1,872,717,848	1,870,398,254
No. of revenue passengers carried	778,779	940,012
No. of revenue passengers carried one mile	52,091,320	76,874,053
# Freight train miles	1,403,856	1,434,676
# Passenger train miles	1,277,904	1,580,886
Total train miles (Rev. & Non Rev.)	2,745,569	3,093,194
Freight car miles-loaded	31,840,602	33,740,255
Freight car miles-empty	17,454,333	16,070,657
Passenger train car miles	9,592,798	11,505,346
Total amount of pay roll	\$6,789,280	\$8,721,741
Number of employees	57,819	69,673
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$16.80	\$20.67
Operating expenses	\$16.24	\$20.14
No. of tons moved one mile (Rev.Fr.)	1,220	1,192
No. of tons moved one mile (All Fr.)	1,360	1,329
No. of revenue passengers carried one mile	90	134
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.98	\$5.57
No. of tons of freight (Rev.Fr.)	504.2	478.2
No. of tons of freight (All Fr.)	562.1	533.1
Gross ton miles	1334.0	1303.7
Loaded freight cars	22.7	23.5
Empty freight cars	12.4	11.2
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.71	\$1.99
Passengers carried	40.8	48.6
Passenger cars	7.5	7.3
Average operating expenses per train mile	\$3.43	\$3.75
Average length of haul (Rev.Fr.) Miles	381.5	319.0
Average passenger journey Miles	66.9	81.8
Average tons per loaded freight car mile	24.8	22.7
Average freight receipt per revenue ton mile	.988¢	1.164¢
Average passenger receipt per passenger per mile	2.433¢	2.539¢
Ratio of pay roll to operating revenues	69.7%	73.3%
Ratio of operating expenses to revenues	96.65%	97.45%

-- Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN PACIFIC RAILWAY

For the month of August, 1932

	1932	1931
<u>OPERATING REVENUES</u>		
Freight	\$7,320,801.37	\$7,611,540.83
Passenger	1,578,760.06	2,194,140.17
Mail	277,301.51	296,522.73
Express	253,904.72	287,990.27
Other freight train	961.48	1,353.92
Other passenger train	294,490.13	396,835.06
Water line	144,573.68	173,356.89
All other	301,283.77	639,203.96
Total railway operating revenues	10,172,076.72	11,600,943.83
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$2,013,477.65	\$2,255,113.58
Maintenance of equipment	1,994,690.39	1,672,959.17
Traffic	678,955.98	805,675.79
Transportation	4,035,743.21	4,888,398.65
Miscellaneous operations	142,992.57	222,100.20
General	261,712.47	287,640.29
Trans. for investment	Cr. 8,252.95	Cr. 37,332.85
Total railway operating expenses	9,119,319.32	10,094,554.83
<u>OPERATING INCOME</u>		
Net operating revenue	\$1,052,757.40	\$1,506,389.00
Railway tax accruals	349,539.44	360,110.89
Uncollectable revenues	164.07	
Hire of equipment	Dr. 1,335.26	Cr. 7,188.56
Joint facilities rents	Dr. 4,512.47	Dr. 745.60
Operating income	697,206.16	1,152,721.07
<u>OPERATING STATISTICS</u>		
Average miles of road operated	16,883.7	16,766.8
No. of tons carried (Rev.Fr.)	1,637,476	2,144,728
No. of tons carried one mile " "	689,735,951	691,013,772
No. of tons carried one mile (All Fr.)	836,983,725	826,869,194
Gross ton miles, excl. of locomotive & tender	1,877,062,523	1,996,638,046
No. of revenue passengers carried	681,857	847,400
No. of revenue passengers carried one mile	65,395,375	82,487,966
# Freight train miles	1,457,536	1,631,896
# Passenger train miles	1,558,809	1,764,083
Total train miles (Rev. & Non Rev.)	3,051,686	3,434,603
Freight car miles-loaded	31,331,318	33,574,576
Freight car miles-empty	15,671,597	19,877,772
Passenger train car miles	11,275,362	13,549,568
Total amount of pay roll	\$5,781,185.08	\$7,145,072.34
Number of employees	47,766	59,428
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$19.43	\$22.32
Operating expenses	\$17.42	\$19.42
No. of tons moved one mile (Rev.Fr.)	1,318	1,329
No. of tons moved one mile (All Fr.)	1,599	1,591
No. of rev. passengers carried one mile	125	159
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.02	\$4.67
No. of tons of freight (Rev.Fr.)	473.2	423.4
No. of tons of freight (All Fr.)	574.2	506.7
Gross ton miles	1287.8	1223.5
Loaded freight cars	21.5	20.6
Empty freight cars	10.8	12.2
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.54	\$1.80
Passengers carried	42.0	46.8
Passenger cars	7.2	7.7
Average operating expenses per train mile	\$2.99	\$2.94
Average length of haul (Rev.Fr.) Miles	421.2	322.2
Average passenger journey Miles	95.9	97.3
Average tons per loaded freight car mile	26.7	24.6
Average freight receipt per revenue ton mile	1.062¢	1.102¢
Average passenger receipt per passenger per mile	2.414¢	2.660¢
Ratio of pay roll to operating revenues	56.8%	61.6%
Ratio of operating expenses to revenues	89.65%	87.01%

- Contains a proportion of mixed train miles.

CANADIAN NATIONAL SYSTEM
(Steam Lines in Canada & United States)
For the Month of August, 1932

OPERATING REVENUES

	<u>1932</u>	<u>1931</u>
Canadian Lines	\$9,746,130.00	\$11,894,657.00
Duluth, Winnipeg and Pacific	56,753.00	93,092.00
Grand Trunk Western	979,384.00	1,546,406.00
New England Lines	94,714.00	186,135.00
Central Vermont Railway	451,036.00	589,520.00
Total	<u>11,328,017.00</u>	<u>14,309,810.00</u>

OPERATING EXPENSES

Canadian Lines	\$9,419,772.86	\$11,591,305.53
Duluth, Winnipeg and Pacific	80,867.56	116,109.42
Grand Trunk Western	1,093,744.68	1,508,594.02
New England Lines	131,531.00	124,290.79
Central Vermont Railway	392,925.00	455,475.26
Total	<u>11,118,841.10</u>	<u>13,795,775.02</u>

NET OPERATING REVENUE

Canadian Lines	\$326,357.14	\$303,351.47
Duluth, Winnipeg and Pacific	Dr. 24,114.56	Dr. 23,017.42
Grand Trunk Western	Dr. 114,360.68	37,811.98
New England Lines	Dr. 36,817.00	61,844.21
Central Vermont Railway	58,111.00	134,044.74
Total	<u>209,175.90</u>	<u>\$514,034.98</u>

OPERATING INCOME

Canadian Lines	\$136,715.15	\$155,982.56
Duluth, Winnipeg and Pacific	Dr. 14,894.94	Dr. 37,872.93
Grand Trunk Western	Dr. 278,589.81	Dr. 204,447.45
New England Lines	Dr. 103,811.86	Dr. 423.81
Central Vermont Railway	39,582.29	105,868.31
Total	Dr. <u>220,999.17</u>	<u>19,106.68</u>

S U M M A R Y

For Eight Months ended August 31st

ALL RAILWAYS

Operating revenues	\$187,575,303.55	\$233,816,717.76
Operating expenses	173,452,423.09	220,307,749.25
Net operating revenues	14,122,880.46	13,508,968.51
Operating income	7,051,634.84	6,416,300.03

CANADIAN NATIONAL RAILWAYS

Operating revenues - Canadian Lines	\$78,649,871.00	\$96,495,886.55
# United States Lines	14,468,421.00	20,897,023.45
Total	<u>93,118,292.00</u>	<u>117,392,910.00</u>
Operating expenses - Canadian Lines	75,266,992.40	95,898,016.51
# United States Lines	14,480,015.78	19,316,204.54
Total	<u>89,747,008.18</u>	<u>115,214,221.05</u>
Net operating revenues - Canadian Lines	3,382,878.60	597,870.04
# United States Lines	Dr. 11,594.78	1,580,818.91
Total	<u>3,371,283.82</u>	<u>2,178,688.95</u>
Operating income - Canadian Lines	2,051,677.80	Dr. 565,688.66
# United States Lines	Dr. 2,101,170.36	Dr. 1,237,101.16
Total	Dr. <u>49,492.56</u>	<u>Dr. 1,802,789.82</u>

CANADIAN NATIONAL RAILWAYS -- EASTERN LINES

Operating revenues	\$12,291,643.00	\$16,073,142.00
Operating expenses	15,300,042.43	21,341,551.89
Net operating revenues	Dr. 3,008,399.43	Dr. 5,268,409.89
Operating income	Dr. 3,862,360.55	Dr. 5,956,898.83

CANADIAN PACIFIC RAILWAY

Operating revenues	\$77,754,703.99	\$95,893,895.11
Operating expenses	68,251,178.40	83,621,519.65
Net operating revenues	9,503,525.59	12,272,375.46
Operating income	6,808,793.88	9,692,312.42

* - Including Central Vermont Railway.



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